ALGEBRA SEMINAR

Rational points of subgroups inside a toric variety over a finite field II

By

Mesut Şahin
(Hacettepe)

Abstract: We talk about counting rational points of subgroups of the torus lying inside a toric variety over a finite field, explaining its implications for the evaluation codes on these subgroups.
These subgroups correspond to certain homogeneous lattice ideals. We share a nullstelensatz type result for them.

Date: February 19, 2020
Time: 13:40
Place: SA141 Mathematics Seminar Room

Refreshments will be served after the talk